

CORE IC CUSHION



3000 - 6500 LBS.

SPECIFICATIONS



50-8FGCU15-32 | 50-8FGCSU20
40-8FGCU20-32

CLASS
4

INTERNAL COMBUSTION ENGINE CUSHION TIRE

ToyotaForklift.com

CORE IC CUSHION

CAPACITY
3000 – 6500 LBS.

WHEELBASE
48.2 – 58.5 IN.

LOAD CENTER
24 IN.

INDUSTRIES



Distribution



Factory



General
Manufacturing



General
Warehousing



Paper



Retail

STANDARD FEATURES

DURABILITY

- Control Area Network (CAN-bus) communication
- Fully stamped steel side panels
- Moisture-resistant electric connectors
- High cooling capacity radiator with fan shroud
- Limited free-lift 2-stage mast (V)
- Low-maintenance battery
- Large-capacity engine-cooling fan
- 7" cyclone air cleaner with high positioned external air intake (6" dia. on 50-8FGCU15-18 & 50-8FGCSU20)
- Plate-iron front fenders
- Anti-restart ignition key switch
- Stamped steel engine hood
- Fully sealed air intake system
- Self-adjusting brakes
- Rear wheel well covers
- Scratch zones on both sides of counterweight

SUPPORT

- System of Active Stability™ (SAS)
- Operator Presence Sensing System (OPSS)
- Bolt-on overhead guard
- Key lowering interlock
- High-durability electric horn
- Neutral start safety switch
- Asbestos-free components
- LED Headlights
- Single touch maximum speed limitation & low speed setting
- Speed control
- Key off/headlight off system

PERFORMANCE

- UL "LP" engine¹
 - Toyota 4Y-US 136 cu. in., 4-cylinder engine
 - OHV EPA/CARB certified LP engine
 - 3-way catalytic muffler system
- Dual fuel engine¹
 - Kubota WG2503 4-cylinder engine
 - OHV EPA/CARB certified engine – G/LP
 - Single type muffler/ 3-way catalyst
- Distributor less ignition (DLI)
- Alternator with built-in regulator
- Automatic transmission with oil cooler
- Full-floating powertrain
- Electric shift control
- LCD multi-function display – includes:
 - Data log, fuel, and operation information with QR code output
 - Master warning, wheel, direction, and mast tilt indicators
- Various hours meters
- Engine coolant temperature gauge
- Fuel gauge (excluding LP)
- Check engine light
- Engine oil pressure warning light
- OPSS activation light
- Parking brake indicator
- SAS/OPSS warning light

ERGONOMICS

- Dash-mounted instrument display
- 11.8"-dia. two-spoke steering wheel
- Heavy-duty non-slip rubber floor mat
- 12"-long dual operator assist grips
- Load-sensing hydrostatic power steering
- Independent brake & inching pads
- Cowl-mounted hydraulic control levers
- Low, wide-entry steps
- Non-cinching seatbelt
- Foot-activated parking brake
- Oversized cup holder
- Dash-integrated amenity tray
- Premium Vinyl 4-way adjustable full-suspension seat
- Slim profile, tilt steering column
- One-way automatic fork leveling
- Integrated headlight & turn signal lever
- High visibility orange seat belt

SERVICEABILITY

- Easy-access, no tools required floorboard
- Engine hood assist damper with lock device
- Easy-lift engine hood with wide 75° opening
- Air cleaner discharge valve
- Dash-mounted brake fluid level check
- 1000hr engine oil/filter maintenance time
- Externally-mounted hydraulic oil return filter

¹ - Engine type dictated by fuel option chosen

OPTIONAL EQUIPMENT

- Travel speed/acceleration control system
- Hydraulic accumulator
- Intelli-Shift
- Rear assist grip with horn button
- Rustproof spec
- Mini-lever controls with ErgoShift
- Joystick controls with ErgoShift
- Swivel seat
- Synchronized steering
- LED front combination lights
- LED rear combination lights
- 12-Volt power supply
- EZ Pedal (foot directional control)
- Plate fin radiator
- Radiator screen
- Fire extinguisher
- Steering wheel with knob
- Polished & tapered forks
- Integral & hang-on sidershifters
- Integral side shifting fork positioner
- Bottler's tilt
- LPG low-fuel warning light & alarm
- High-capacity 80-amp alternator with built-in regulator
- Strobe lights
- Step-mounted toolbox with cover
- Premium cloth full suspension seat
- Back up alarms
- Combination brake & inching pedal
- Pre-cleaner for air intake
- Rearview mirrors
- Wide tread tires
- Non-marking tires
- Fuel system configurations with swing-out tank bracket & one-touch latch system
 - UL-LP
 - UL-LPS
- Swing-down LPG tank bracket
- Tilt cylinder boots
- Seatbelt Interlock
- Reverse-activated blue light
- Standard steel cab
- Drive-in OHG

Please contact your local, authorized Toyota Dealer for a complete list of available options.



TRUCK SPECIFICATIONS

GENERAL DATA				MODEL NUMBERS			
				50-8FGCU15	50-8FGCU18	50-8FGCSU20	50-8FGCU20
Load Capacity		lb (kg)		3000 (1350)	3500 (1600)	4000 (1800)	4000 (1800)
Power Type		LP		LP	LP	LP	LP
Operator Position		Seated Rider		Seated Rider	Seated Rider	Seated Rider	Seated Rider
Tire Type	Front / Rear	Cushion / Cushion		Cushion / Cushion	Cushion / Cushion	Cushion / Cushion	Cushion / Cushion
Wheels (x = driven)	Front / Rear	2x / 2		2x / 2	2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				50-8FGCU15	50-8FGCU18	50-8FGCSU20	50-8FGCU20
A	Maximum Fork Height (top of forks)	in (mm)		131 (3335)	131 (3335)	131.5 (3340)	131.5 (3340)
B	Free Lift (top of forks)	in (mm)		5.7 (145)	5.7 (145)	5.9 (145)	5.9 (150)
C	Fork Size (T x W x L)	in (mm)		1.4 x 4 x 42 (35 x 100 x 1070)	1.4 x 4 x 42 (35 x 100 x 1070)	1.6 x 5 x 42 (40 x 125 x 1070)	1.6 x 5 x 42 (40 x 125 x 1070)
D	Fork Spread Max. / Min. (outer edge to edge)	in (mm)		32 (810) / 8 (200)	32 (810) / 8 (200)	32 (810) / 10 (250)	36 / 10 (920 / 250)
E	Tilt Range (forward / backward)	deg		6 / 10	6 / 10	6 / 10	6 / 10
F	Length to Fork Face	in (mm)		82.3 (2090)	84.6 (2150)	86.4 (2195)	91.2 (2315)
G	Overall Width	in (mm)		37.2 (945)	37.2 (945)	37.2 (945)	41.9 (1065)
H	Mast Lowered Height	in (mm)		83.1 (2110)	83.1 (2110)	83.1 (2110)	83.3 (2115)
I	Mast Extended Height (top of load backrest)	in (mm)		179.3 (4555)	179.3 (4555)	179.5 (4560)	179.5 (4560)
J	Overhead Guard Height	in (mm)		80.1 (2035)	80.1 (2035)	80.1 (2035)	80.7 (2050)
K	Turning Radius (inside / outside)	in (mm)		67.5 (1720)	70 (1780)	71.3 (1810)	75.6 (1920)
L	Load Distance	in (mm)		15.7 (400)	15.7 (400)	16.3 (415)	16.7 (425)
M	Rear Overhang	in (mm)		18.3 (465)	20.7 (525)	21.9 (555)	15.9 (405)
N	Basic Right-Angle Stacking Aisle Width	in (mm)		83.5 (2120)	86 (2180)	87.6 (2225)	92.3 (2345)
PERFORMANCE DATA				50-8FGCU15	50-8FGCU18	50-8FGCSU20	50-8FGCU20
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	10.9 (17.5) / 10.9 (17.5)	10.9 (17.5) / 10.9 (17.5)	10.9 (17.5) / 10.9 (17.5)	10.6 / 10.6 (17.0 / 17.0)
		No Load	mph (km/h)	10.9 (17.5) / 10.9 (17.5)	10.9 (17.5) / 10.9 (17.5)	10.9 (17.5) / 10.9 (17.5)	10.6 / 10.6 (17.0 / 17.0)
	Lifting	Full Load	fpm (mm/sec)	114 (580)	114 (580)	114 (580)	120 (610)
		No Load	fpm (mm/sec)	118 (600)	118 (600)	118 (600)	126 (640)
	Lowering	Full Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
		No Load	fpm (mm/sec)	108 (550)	108 (550)	108 (550)	98 (500)
Drawbar Pull	Maximum	Full Load	lb (kg)	3750 (1700)	3750 (1700)	3750 (1700)	4200 (1905)
		No Load	lb (kg)	1550 (700)	1450 (650)	1450 (650)	1850 (840)
Gradeability	1 mph (1.5 km/h) ¹	Full Load	%	39	34	31	33
		Full Load	%	43	40	35	36
	Maximum ¹	No Load	%	20	18	18	21
TRUCK WEIGHTS				50-8FGCU15	50-8FGCU18	50-8FGCSU20	50-8FGCU20
Total Weight		lb (kg)		5890 (2670)	6410 (2910)	6900 (3130)	7130 (3240)
Weight Distribution	Full Load (front / rear)	lb (kg)		7810 (3540) / 1080 (510)	8560 (4100) / 1350 (610)	9575 (4490) / 1325 (640)	9810 (4620) / 1320 (620)
	No Load (front / rear)	lb (kg)		2340 (1060) / 3550 (1610)	2180 (990) / 4230 (1920)	2200 (1000) / 4700 (2130)	3020 (1370) / 4110 (1870)
TIRES				50-8FGCU15	50-8FGCU18	50-8FGCSU20	50-8FGCU20
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2	2 / 2
	Size	Front		18 x 6 x 12-1/8	18 x 6 x 12-1/8	18 x 6 x 12-1/8	21 x 7 x 15
		Rear		14 x 4-1/2 x 8	14 x 4-1/2 x 8	14 x 5 x 10	16 x 5 x 10-1/2
Wheelbase		in (mm)		48.2 (1225)	48.2 (1225)	48.2 (1225)	58.5 (1485)
Tread Width (front / rear)		in (mm)		31.3 (795) / 32.3 (820)	31.3 (795) / 32.3 (820)	31.3 (795) / 32.3 (820)	35.0 (890) / 36.0 (915)
Underclearance (full load)	Minimum with Load		in (mm)		2.6 (65)	2.8 (70)	2.8 (70)
	Center of Wheelbase		in (mm)		4.1 (105)	4.1 (105)	4.1 (105)
Brake	Service (foot) / Parking			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Foot
POWER SYSTEM				50-8FGCU15	50-8FGCU18	50-8FGCSU20	50-8FGCU20
Battery (5-hour rating)		V / Ah		12/35	12 / 35	12/35	12/35
Internal Combustion Engine	Make / Model			TOYOTA 4Y - US	TOYOTA 4Y - US	TOYOTA 4Y - US	TOYOTA 4Y - US
	Rated Horsepower @ rpm	SAE HP		48 @ 2250 Net	48 @ 2250 Net	48 @ 2250 Net	51 @ 2570 Net
		(kW)		(35 @ 2250)	(35 @ 2250)	(35 @ 2250)	(38 @ 2570)
	Rated Torque @ rpm	SAE ft-lb		112 @ 1800 Net	112 @ 1800 Net	112 @ 1800 Net	112 @ 1800 Net
		(N-m)		(152 @ 1800)	(152 @ 1800)	(152 @ 1800)	(152 @ 1800)
	Number of Cylinders			4	4	4	4
Piston Displacement		cu in (cc)		136 (2237)	136 (2237)	136 (2237)	136 (2237)
Fuel Tank Capacity		US gal (liter)		7.1 (27)	7.1 (27)	7.1 (27)	11.9 (45)
Transmission	Type			Powershift	Powershift	Powershift	Powershift
	Speeds (forward / reverse)			1 / 1	1 / 1	1 / 1	1 / 1
Auxiliary Hydraulic Function Specifications (for attachments) ²	Max. Operating Pressure		psi (kg/cm2)	2275 (160)	2275 (160)	2275 (160)	2275 (160)
	Max. Flow Rate		gpm (lpm)	16 (60.6)	16 (60.6)	16 (60.6)	20 (75.7)

1 Computed values. Performance of LPG fuel system may be less than performance of standard model shown.
2 Values taken at Hydraulic Control Valve. Does not take in to consideration losses through mast plumbing (hosing, fittings, QDs, etc.).

MODEL NUMBERS

GENERAL DATA				50-8FGCU25	50-8FGCU30	50-8FGCU32	
Load Capacity			lb (kg)	5000 (2250)	6000 (2700)	6500 (3000)	
Power Type				LP	LP	LP	
Operator Position				Seated Rider	Seated Rider	Seated Rider	
Tire Type	Front / Rear			Cushion / Cushion	Cushion / Cushion	Cushion / Cushion	
Wheels (x = driven)	Front / Rear			2x / 2	2x / 2	2x / 2	
EXTERIOR DIMENSIONS				50-8FGCU25	50-8FGCU30	50-8FGCU32	
A	Maximum Fork Height (top of forks)		in (mm)	131.5 (3340)	131.5 (3345)	131.5 (3345)	
B	Free Lift (top of forks)		in (mm)	5.9 (150)	5.3 (135)	5.3 (135)	
C	Fork Size (T x W x L)		in (mm)	1.6 x 5 x 42 (40 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)	
D	Fork Spread Max. / Min. (outer edge to edge)		in (mm)	36 (920) / 10 (250)	38.2 (970) / 10 (250)	38.2 (970) / 10 (250)	
E	Tilt Range (forward / backward)		deg	6 / 10	6 / 10	6 / 10	
F	Length to Fork Face		in (mm)	93.7 (2380)	97.4 (2475)	98.6 (2505)	
G	Overall Width		in (mm)	41.9 (1065)	43.7 (1110)	43.7 (1110)	
H	Mast Lowered Height		in (mm)	83.3 (2115)	83.1 (2110)	83.1 (2110)	
I	Mast Extended Height (top of load backrest)		in (mm)	179.5 (4560)	179.7 (4565)	179.7 (4565)	
J	Overhead Guard Height		in (mm)	80.7 (2050)	80.7 (2050)	80.7 (2050)	
K	Turning Radius (inside / outside)		in (mm)	77.6 (1970)	80 (2030)	81.1 (2060)	
L	Load Distance		in (mm)	16.7 (425)	17.7 (450)	17.7 (450)	
M	Rear Overhang		in (mm)	18.5 (470)	21.3 (540)	22.4 (570)	
N	Basic Right-Angle Stacking Aisle Width		in (mm)	94.3 (2395)	97.5 (2480)	98.8 (2510)	
PERFORMANCE DATA				50-8FGCU25	50-8FGCU30	50-8FGCU32	
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)	
		No Load	mph (km/h)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)	
	Lifting	Full Load	fpm (mm/sec)	120 (610)	98 (500)	98 (500)	
		No Load	fpm (mm/sec)	126 (640)	104 (530)	104 (530)	
		Lowering	Full Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)
			No Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)
Drawbar Pull	Maximum	Full Load	lb (kg)	4200 (1905)	4200 (1905)	4200 (1905)	
		No Load	lb (kg)	1750 (795)	1750 (795)	1750 (795)	
Gradeability	1 mph (1.5 km/h) ¹	Full Load	%	27	21	21	
		Full Load	%	31	25	25	
		No Load	%	17	16	16	
TRUCK WEIGHTS				50-8FGCU25	50-8FGCU30	50-8FGCU32	
Total Weight			lb (kg)	8000 (3630)	9300 (4200)	9700 (4410)	
Weight Distribution	Full Load (front / rear)		lb (kg)	11310 (5340) / 1690 (790)	13340 (6310) / 1960 (910)	14080 (6670) / 2120 (990)	
	No Load (front / rear)		lb (kg)	2820 (1280) / 5180 (2350)	3070 (1390) / 6230 (2830)	2950 (1340) / 6750 (3070)	
TIRES				50-8FGCU25	50-8FGCU30	50-8FGCU32	
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2	
	Size	Front		21 x 7 x 15	21 x 8 x 15	21 x 8 x 15	
		Rear		16 x 5 x 10-1/2	16 x 6 x 10-1/2	16 x 6 x 10-1/2	
Wheelbase			in (mm)	58.5 (1485)	58.5 (1485)	58.5 (1485)	
Tread Width (front / rear)		in (mm)	35.0 (890) / 36.0 (915)	35.8 (910) / 36.0 (915)	35.8 (910) / 36.0 (915)		
Underclearance (full load)	Minimum with Load		in (mm)	2.8 (70)	2.6 (65)	2.6 (65)	
	Center of Wheelbase		in (mm)	4.1 (105)	4.1 (105)	4.1 (105)	
Brake	Service (foot) / Parking			Hydraulic / Foot	Hydraulic / Foot	Hydraulic / Foot	
POWER SYSTEM				50-8FGCU25	50-8FGCU30	50-8FGCU32	
Battery (5-hour rating)			V / Ah	12/35	12/35	12/35	
Internal Combustion Engine	Make / Model			TOYOTA 4Y - US	TOYOTA 4Y - US	TOYOTA 4Y - US	
	Rated Horsepower @ rpm	SAE HP		51 @ 2570 Net	51 @ 2570 Net	51 @ 2570 Net	
		(kW)		(38 @ 2570)	(38 @ 2570)	(38 @ 2570)	
	Rated Torque @ rpm	SAE ft-lb		112 @ 1800 Net	112 @ 1800 Net	112 @ 1800 Net	
		(N-m)		(152 @ 1800)	(152 @ 1800)	(152 @ 1800)	
	Number of Cylinders			4	4	4	
	Piston Displacement		cu in (cc)	136 (2237)	136 (2237)	136 (2237)	
Fuel Tank Capacity		US gal (liter)	11.9 (45)	11.9 (45)	11.9 (45)		
Transmission	Type			Powershift	Powershift	Powershift	
	Speeds (forward / reverse)			1 / 1	1 / 1	1 / 1	
Auxiliary Hydraulic Function Specifications (for attachments) ²	Max. Operating Pressure		psi (kg/cm2)	2275 (160)	2275 (160)	2275 (160)	
	Max. Flow Rate		gpm (lpm)	20 (75.7)	20 (75.7)	20 (75.7)	

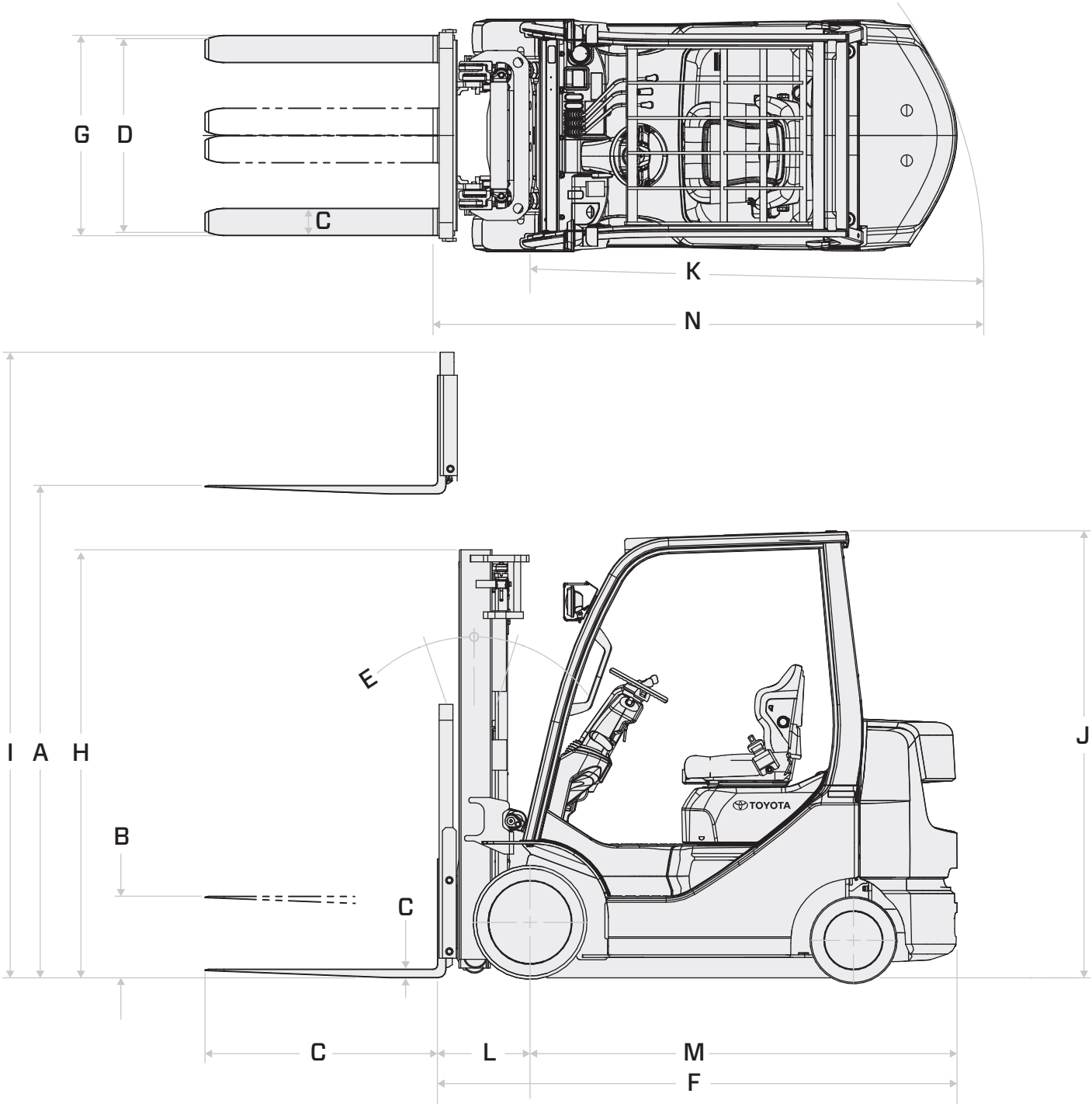
¹ Computed values. Performance of LPG fuel system may be less than performance of standard model shown.

² Values taken at Hydraulic Control Valve. Does not take in to consideration losses through mast plumbing (hosing, fittings, QDs, etc.).

TRUCK SPECIFICATIONS

GENERAL DATA				40-8FGCU20	40-8FGCU25	40-8FGCU30	40-8FGCU32
Load Capacity		lb (kg)		4000 (1800)	5000 (2250)	6000 (2700)	6500 (3000)
Power Type				Gasoline/LP	Gasoline/LP	Gasoline/LP	Gasoline/LP
Operator Position				Seated Rider	Seated Rider	Seated Rider	Seated Rider
Tire Type	Front / Rear	Cushion / Cushion		Cushion / Cushion	Cushion / Cushion	Cushion / Cushion	Cushion / Cushion
Wheels (x = driven)	Front / Rear	2x / 2		2x / 2	2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				40-8FGCU20	40-8FGCU25	40-8FGCU30	40-8FGCU32
A	Maximum Fork Height (top of forks)	in (mm)		131.5 (3340)	131.5 (3340)	131.5 (3345)	131.5 (3345)
B	Free Lift (top of forks)	in (mm)		5.9 (150)	5.9 (150)	5.3 (135)	5.3 (135)
C	Fork Size (T x W x L)	in (mm)	1.6 x 5 x 42 (40 x 125 x 1070)	1.6 x 5 x 42 (40 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)
D	Fork Spread Max. / Min. (outer edge to edge)	in (mm)	36 / 10 (920 / 250)	36 (920) / 10 (250)	38.2 (970) / 10 (250)	38.2 (970) / 10 (250)	38.2 (970) / 10 (250)
E	Tilt Range (forward / backward)	deg	6 / 10	6 / 10	6 / 10	6 / 10	6 / 10
F	Length to Fork Face	in (mm)	91.2 (2315)	93.7 (2380)	97.4 (2475)	98.6 (2505)	98.6 (2505)
G	Overall Width	in (mm)	41.9 (1065)	41.9 (1065)	43.7 (1110)	43.7 (1110)	43.7 (1110)
H	Mast Lowered Height	in (mm)	83.3 (2115)	83.3 (2115)	83.1 (2110)	83.1 (2110)	83.1 (2110)
I	Mast Extended Height (top of load backrest)	in (mm)	179.5 (4560)	179.5 (4560)	179.7 (4565)	179.7 (4565)	179.7 (4565)
J	Overhead Guard Height	in (mm)	80.7 (2050)	80.7 (2050)	80.7 (2050)	80.7 (2050)	80.7 (2050)
K	Turning Radius (inside / outside)	in (mm)	75.6 (1920)	77.6 (1970)	80 (2030)	81.1 (2060)	81.1 (2060)
L	Load Distance	in (mm)	16.7 (425)	16.7 (425)	17.7 (450)	17.7 (450)	17.7 (450)
M	Rear Overhang	in (mm)	15.9 (405)	18.5 (470)	21.3 (540)	22.4 (570)	22.4 (570)
N	Basic Right-Angle Stacking Aisle Width	in (mm)	92.3 (2345)	94.3 (2395)	97.5 (2480)	98.8 (2510)	98.8 (2510)
PERFORMANCE DATA				40-8FGCU20	40-8FGCU25	40-8FGCU30	40-8FGCU32
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	10.6 / 10.6 (17.0 / 17.0)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)
		No Load	mph (km/h)	10.6 / 10.6 (17.0 / 17.0)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)	10.6 (17.0) / 10.6 (17.0)
	Lifting	Full Load	fpm (mm/sec)	120 (610)	118 (600)	98 (500)	98 (500)
		No Load	fpm (mm/sec)	124 (630)	124 (630)	102 (520)	102 (520)
	Lowering	Full Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
		No Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
Drawbar Pull	Maximum	Full Load	lb (kg)	4200 (1905)	4200 (1905)	4200 (1905)	4200 (1905)
		No Load	lb (kg)	1850 (840)	1750 (795)	1750 (795)	1750 (795)
Gradeability	1 mph (1.5 km/h) ¹	Full Load	%	33	27	21	21
		Full Load	%	36	31	25	25
	Maximum ¹	No Load	%	21	17	16	16
TRUCK WEIGHTS				40-8FGCU20	40-8FGCU25	40-8FGCU30	40-8FGCU32
Total Weight		lb (kg)		7290 (3310)	8160 (3700)	9460 (4290)	9860 (4480)
Weight Distribution	Full Load (front / rear)		lb (kg)	9880 (4650) / 1410 (660)	11380 (5370) / 1780 (830)	13380 (6330) / 2080 (960)	14120 (6690) / 2240 (1040)
	No Load (front / rear)		lb (kg)	3090 (1400) / 4200 (1910)	2890 (1310) / 5270 (2390)	3110 (1410) / 6350 (2880)	2990 (1360) / 6870 (3120)
TIRES				40-8FGCU20	40-8FGCU25	40-8FGCU30	40-8FGCU32
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2	2 / 2
	Size	Front		21 x 7 x 15	21 x 7 x 15	21 x 8 x 15	21 x 8 x 15
		Rear		16 x 5 x 10-1/2	16 x 5 x 10-1/2	16 x 6 x 10-1/2	16 x 6 x 10-1/2
Wheelbase		in (mm)		58.5 (1485)	58.5 (1485)	58.5 (1485)	58.5 (1485)
Tread Width (front / rear)		in (mm)		35.0 (890) / 36.0 (915)	35.0 (890) / 36.0 (915)	35.8 (910) / 36.0 (915)	35.8 (910) / 36.0 (915)
Underclearance (full load)	Minimum with Load		in (mm)	2.8 (70)	2.8 (70)	2.6 (65)	2.6 (65)
	Center of Wheelbase		in (mm)	4.1 (105)	4.1 (105)	4.1 (105)	4.1 (105)
Brake	Service (foot) / Parking			Hydraulic / Foot	Hydraulic / Foot	Hydraulic / Foot	Hydraulic / Foot
POWER SYSTEM				40-8FGCU20	40-8FGCU25	40-8FGCU30	40-8FGCU32
Battery (5-hour rating)		V / Ah		12/35	12/35	12/35	12/35
Internal Combustion Engine	Make / Model			Kubota/WG2503	Kubota/WG2503	Kubota/WG2503	Kubota/WG2503
	Rated Horsepower @ rpm	SAE HP ((Gas/LP)	56 @ 2600/ 58 @ 2600 Net	56 @ 2600/ 58 @ 2600 Net	56 @ 2600/ 58 @ 2600 Net	56 @ 2600/ 58 @ 2600 Net	56 @ 2600/ 58 @ 2600 Net
		(kW) (Gas/LP)	42 @ 2600 / 44 @ 2600	42 @ 2600 / 44 @ 2600	42 @ 2600 / 44 @ 2600	42 @ 2600 / 44 @ 2600	42 @ 2600 / 44 @ 2600
	Rated Torque @ rpm	SAE ft-lb (Gas/LP)	122 @ 1800 / 129 @ 1600 Net	122 @ 1800 / 129 @ 1600 Net	122 @ 1800 / 129 @ 1600 Net	122 @ 1800 / 129 @ 1600 Net	122 @ 1800 / 139 @ 1600 Net
		(N-m) (Gas/LP)	165 @ 1800 / 175 @ 1600	165 @ 1800 / 175 @ 1600	165 @ 1800 / 175 @ 1600	165 @ 1800 / 175 @ 1600	165 @ 1800 / 175 @ 1600
	Number of Cylinders		4	4	4	4	4
	Piston Displacement		cu in (cc)	151 (2491)	151 (2491)	151 (2491)	151 (2491)
Transmission	Fuel Tank Capacity		US gal (liter)	11.9 (45)	11.9 (45)	11.9 (45)	11.9 (45)
	Type			Powershift	Powershift	Powershift	Powershift
Auxiliary Hydraulic Function Specifications (for attachments) ²	Speeds (forward / reverse)			1/1	1/1	1/1	1/1
	Max. Operating Pressure		psi (kg/cm2)	2275 (160)	2275 (160)	2275 (160)	2275 (160)
	Max. Flow Rate		gpm (lpm)	20 (75.7)	20 (75.7)	20 (75.7)	20 (75.7)

EXTERIOR DIMENSIONS



MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST			NARROW TREAD	WIDE TREAD
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
50-8FGCU15										
Wide Visible (V)	80 (2035)	57.5 (1460)	101.2 (2570)	128.1 (3255)	5.7 (145)	5.7 (145)	6	5	3000 (1350)	3000 (1350)
	119 (3035)	77.2 (1960)	140.6 (2570)	167.5 (4255)	5.7 (145)	5.7 (145)	6	10	3000 (1350)	3000 (1350)
	131 (3335)	83.1 (2110)	152.4 (3870)	179.3 (4555)	5.7 (145)	5.7 (145)	6	10	3000 (1350)	3000 (1350)
	139 (3535)	87 (2210)	164.2 (4170)	187.2 (4755)	5.7 (145)	5.7 (145)	6	10	3000 (1350)	3000 (1350)
	147 (3735)	93.3 (2370)	168.1 (4270)	195.1 (4955)	5.7 (145)	5.7 (145)	6	10	3000 (1350)	3000 (1350)
Full Free-Lift 2-Stage (FV)	119 (3035)	77.2 (1960)	138.8 (3525)	167.5 (4255)	56.5 (1435)	29.2 (740)	6	10	3000 (1350)	3000 (1350)
	131 (3335)	83.1 (2110)	150.6 (3825)	179.3 (4555)	62.4 (1585)	35.1 (890)	6	10	3000 (1350)	3000 (1350)
	139 (3535)	87 (2210)	158.5 (4025)	187.2 (4755)	66.4 (1685)	39 (990)	6	10	3000 (1350)	3000 (1350)
Full Free-Lift 3-Stage (FSV)	158.5 (4035)	73.2 (1860)	179.7 (4565)	206.9 (5255)	52.8 (1340)	25.2 (640)	6	5	3000 (1350)	3000 (1350)
	170.5 (4335)	77.2 (1960)	191.5 (4865)	218.7 (5555)	56.7 (1440)	29.2 (740)	6	5	3000 (1350)	3000 (1350)
	189 (4800)	83.1 (2110)	209.4 (5320)	237 (6020)	62.6 (1590)	35.1 (890)	6	5	2950 (1325)	2950 (1325)
	198 (5035)	87 (2210)	219.1 (5565)	246.3 (6255)	66.5 (1690)	39 (990)	6	5	2850 (1300)	2850 (1300)
	217.5 (5535)	93.3 (2370)	238.8 (6065)	265.9 (6755)	72.8 (1850)	45.3 (1150)	6	5	2300 (1050)	2750 (1250)
	237.5 (6035)	100.8 (2560)	258.5 (6565)	285.6 (7255)	80.3 (2040)	52.8 (1340)	6	5	1550 (700)	2200 (1000)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	NARROW TREAD
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹					
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)
50-8FGCU18									
Wide Visible (V)	80 (2035)	57.5 (1460)	101.2 (2570)	128.1 (3255)	5.7 (145)	5.7 (145)	6	5	3500 (1600)
	119 (3035)	77.2 (1960)	140.6 (2570)	167.5 (4255)	5.7 (145)	5.7 (145)	6	10	3500 (1600)
	131 (3335)	83.1 (2110)	152.4 (3870)	179.3 (4555)	5.7 (145)	5.7 (145)	6	10	3500 (1600)
	139 (3535)	87 (2210)	164.2 (4170)	187.2 (4755)	5.7 (145)	5.7 (145)	6	10	3500 (1600)
	147 (3735)	93.3 (2370)	168.1 (4270)	195.1 (4955)	5.7 (145)	5.7 (145)	6	10	3500 (1600)
Full Free-Lift 2-Stage (FV)	119 (3035)	77.2 (1960)	138.8 (3525)	167.5 (4255)	56.5 (1435)	29.2 (740)	6	10	3500 (1600)
	131 (3335)	83.1 (2110)	150.6 (3825)	179.3 (4555)	62.4 (1585)	35.1 (890)	6	10	3500 (1600)
	139 (3535)	87 (2210)	158.5 (4025)	187.2 (4755)	66.4 (1685)	39 (990)	6	10	3500 (1600)
Full Free-Lift 3-Stage (FSV)	158.5 (4035)	73.2 (1860)	179.7 (4565)	206.9 (5255)	52.8 (1340)	25.2 (640)	6	5	3500 (1600)
	170.5 (4335)	77.2 (1960)	191.5 (4865)	218.7 (5555)	56.7 (1440)	29.2 (740)	6	5	3500 (1600)
	189 (4800)	83.1 (2110)	209.4 (5320)	237 (6020)	62.6 (1590)	35.1 (890)	6	5	3250 (1450)
	198 (5035)	87 (2210)	219.1 (5565)	246.3 (6255)	66.5 (1690)	39 (990)	6	5	3200 (1450)
	217.5 (5535)	93.3 (2370)	238.8 (6065)	265.9 (6755)	72.8 (1850)	45.3 (1150)	6	5	2800 (1250)
	237.5 (6035)	100.8 (2560)	258.5 (6565)	285.6 (7255)	80.3 (2040)	52.8 (1340)	6	5	1700 (750)

1 Height of standard load backrest is 48" (1220 mm).
Please contact your local, authorized Toyota Dealer for a complete list of available options and their lifting capacities.

MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	NARROW TREAD
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹					
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)
50-8FGCSU20									
Wide Visible (V)	80 (2040)	57.5 (1460)	101.2 (2570)	128.3 (3255)	5.7 (145)	5.7 (145)	6	5	4000 (1800)
	119.5 (3040)	77.2 (1960)	140.6 (2570)	167.7 (4255)	5.7 (145)	5.7 (145)	6	10	4000 (1800)
	131.5 (3340)	83.1 (2115)	152.4 (3870)	179.5 (4555)	5.7 (145)	5.7 (145)	6	10	4000 (1800)
	139 (3540)	87 (2210)	164.2 (4170)	187.4 (4755)	5.7 (145)	5.7 (145)	6	10	4000 (1800)
	147 (3740)	93.3 (2370)	168.1 (4270)	195.3 (4955)	5.7 (145)	5.7 (145)	6	10	4000 (1800)
Full Free-Lift 2-Stage (FV)	119.5 (3040)	77.2 (1960)	138.8 (3525)	167.7 (4255)	56.5 (1435)	29.2 (740)	6	10	4000 (1800)
	131.5 (3340)	83.1 (2110)	150.6 (3825)	179.5 (4555)	62.4 (1585)	35.1 (890)	6	10	4000 (1800)
	139 (3540)	87 (2210)	158.5 (4025)	187.4 (4755)	66.4 (1685)	39 (990)	6	10	4000 (1800)
Full Free-Lift 3-Stage (FSV)	159 (4040)	73.2 (1860)	179.7 (4565)	207.1 (5255)	52.8 (1340)	25.2 (640)	6	5	4000 (1800)
	170.5 (4340)	77.2 (1960)	191.5 (4865)	218.9 (5555)	56.7 (1440)	29.2 (740)	6	5	4000 (1800)
	189 (4800)	83.1 (2110)	209.4 (5320)	237.2 (6020)	62.6 (1590)	35.1 (890)	6	5	3750 (1700)
	198 (5040)	87 (2210)	219.1 (5565)	246.5 (6255)	66.5 (1690)	39 (990)	6	5	3400 (1550)
	218 (5540)	93.3 (2370)	238.8 (6065)	266.1 (6755)	72.8 (1850)	45.3 (1150)	6	5	2400 (1100)
	237.5 (6040)	100.8 (2560)	258.5 (6565)	285.8 (7255)	80.3 (2040)	52.8 (1340)	6	5	1650 (750)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	NARROW TREAD	WIDE TREAD
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
50-8FGCU20 / 40-8FGCU20										
Wide Visible (V)	80 (2040)	57.7 (1465)	105.9 (2690)	128.3 (3260)	5.9 (150)	5.9 (150)	6	8	4000 (1800)	4000 (1800)
	119.5 (3040)	77.4 (1965)	145.2 (3690)	167.7 (4260)	5.9 (150)	5.9 (150)	6	10	4000 (1800)	4000 (1800)
	131.5 (3340)	83.3 (2115)	157.1 (3990)	179.5 (4560)	5.9 (150)	5.9 (150)	6	10	4000 (1800)	4000 (1800)
	139 (3540)	87.2 (2215)	164.9 (4190)	187.4 (4760)	5.9 (150)	5.9 (150)	6	10	4000 (1800)	4000 (1800)
	147 (3740)	93.5 (2375)	173.8 (4390)	195.3 (4960)	5.9 (150)	5.9 (150)	6	10	4000 (1800)	4000 (1800)
	159 (4040)	101 (2565)	184.6 (4690)	207.1 (5260)	5.9 (150)	5.9 (150)	6	10	4000 (1800)	4000 (1800)
Full Free-Lift 2-Stage (FV)	119.5 (3040)	77.4 (1965)	143.5 (3645)	167.7 (4260)	53.6 (1360)	29.3 (745)	6	10	4000 (1800)	4000 (1800)
	131.5 (3340)	83.3 (2115)	155.3 (3945)	179.5 (4560)	59.5 (1510)	35.2 (895)	6	10	4000 (1800)	4000 (1800)
	139 (3540)	87.2 (2215)	163.1 (4145)	187.4 (4760)	63.4 (1610)	39.2 (995)	6	10	4000 (1800)	4000 (1800)
Full Free-Lift 3-Stage (FSV)	159 (4040)	73.2 (1860)	184.2 (4675)	207.1 (5260)	48.1 (1220)	25.2 (640)	6	5	4000 (1800)	4000 (1800)
	170.5 (4340)	77.2 (1960)	196 (4975)	218.9 (5560)	52 (1320)	29.1 (740)	6	5	4000 (1800)	4000 (1800)
	189 (4800)	83.1 (2110)	214.3 (5440)	237 (6020)	57.9 (1470)	35 (890)	6	5	3950 (1800)	3950 (1800)
	198 (5040)	87 (2210)	223.6 (5675)	246.5 (6260)	61.9 (1570)	39 (990)	6	5	3900 (1750)	3900 (1750)
	218 (5540)	93.3 (2370)	243.3 (6175)	266.1 (6760)	68.2 (1730)	45.3 (1150)	6	5	3550 (1600)	3800 (1700)
	237.5 (6040)	100.8 (2560)	263 (6675)	285.8 (7260)	75.6 (1920)	52.8 (1340)	6	5	2800 (1250)	3350 (1500)
Full Free-Lift 4-Stage (QFV)	241.5 (6135)	83.1 (2110)	262.6 (6670)	289.6 (7355)	62.1 (1575)	35 (890)	6	5	2500 (1150) ²	2900 (1300)
	259.5 (6595)	89 (2260)	280.7 (7130)	307.7 (7815)	68 (1725)	40.9 (1040)	6	5	1750 (800) ²	2500 (1150)
	278 (7055)	95.3 (2420)	298.8 (7590)	325.8 (8275)	74.3 (1885)	47.2 (1200)	6	5	950 (450) ²	1850 (850)

¹ Height of standard load backrest is 48" (1220 mm).

² TSOR only.

Attachment capacities (including sideshifters) are located in Section 6.1 – Lifting Capacities for Options.

MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	NARROW TREAD	WIDE TREAD
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
50-8FGCU25 / 40-8FGCU25										
Wide Visible (V)	80 (2040)	57.7 (1465)	105.9 (2690)	128.3 (3260)	5.9 (150)	5.9 (150)	6	8	5000 (2250)	5000 (2250)
	119.5 (3040)	77.4 (1965)	145.2 (3690)	167.7 (4260)	5.9 (150)	5.9 (150)	6	10	5000 (2250)	5000 (2250)
	131.5 (3340)	83.3 (2115)	157.1 (3990)	179.5 (4560)	5.9 (150)	5.9 (150)	6	10	5000 (2250)	5000 (2250)
	139 (3540)	87.2 (2215)	164.9 (4190)	187.4 (4760)	5.9 (150)	5.9 (150)	6	10	5000 (2250)	5000 (2250)
	147 (3740)	93.5 (2375)	173.8 (4390)	195.3 (4960)	5.9 (150)	5.9 (150)	6	10	5000 (2250)	5000 (2250)
Full Free-Lift 2-Stage (FV)	159 (4040)	101 (2565)	184.6 (4690)	207.1 (5260)	5.9 (150)	5.9 (150)	6	10	5000 (2250)	5000 (2250)
	119.5 (3040)	77.4 (1965)	143.5 (3645)	167.7 (4260)	53.6 (1360)	29.3 (745)	6	10	5000 (2250)	5000 (2250)
	131.5 (3340)	83.3 (2115)	155.3 (3945)	179.5 (4560)	59.5 (1510)	35.2 (895)	6	10	5000 (2250)	5000 (2250)
Full Free-Lift 3-Stage (FSV)	139 (3540)	87.2 (2215)	163.1 (4145)	187.4 (4760)	63.4 (1610)	39.2 (995)	6	10	5000 (2250)	5000 (2250)
	159 (4040)	73.2 (1860)	184.2 (4675)	207.1 (5260)	48.1 (1220)	25.2 (640)	6	5	5000 (2250)	5000 (2250)
	170.5 (4340)	77.2 (1960)	196 (4975)	218.9 (5560)	52 (1320)	29.1 (740)	6	5	5000 (2250)	5000 (2250)
	189 (4800)	83.1 (2110)	214.3 (5440)	237 (6020)	57.9 (1470)	35 (890)	6	5	5000 (2250)	5000 (2250)
	198 (5040)	87 (2210)	223.6 (5675)	246.5 (6260)	61.9 (1570)	39 (990)	6	5	4600 (2100)	4600 (2100)
	218 (5540)	93.3 (2370)	243.3 (6175)	266.1 (6760)	68.2 (1730)	45.3 (1150)	6	5	3850 (1750)	4550 (2050)
Full Free-Lift 4-Stage (QFV)	237.5 (6040)	100.8 (2560)	263 (6675)	285.8 (7260)	75.6 (1920)	52.8 (1340)	6	5	2400 (1100)	3200 (1450)
	241.5 (6135)	83.1 (2110)	262.6 (6670)	289.6 (7355)	62.1 (1575)	35 (890)	6	5	2900 (1300)²	3800 (1700)
	259.5 (6595)	89 (2260)	280.7 (7130)	307.7 (7815)	68 (1725)	40.9 (1040)	6	5	1950 (900)²	2900 (1300)
	278 (7055)	95.3 (2420)	298.8 (7590)	325.8 (8275)	74.3 (1885)	47.2 (1200)	6	5	1300 (600)²	1950 (900)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	NARROW TREAD	WIDE TREAD
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
50-8FGCU30 / 40-8FGCU30										
Wide Visible (V)	80.5 (2045)	57.5 (1460)	107.9 (2740)	128.5 (3265)	5.3 (135)	5.3 (135)	6	8	6000 (2700)	6000 (2700)
	119.5 (3045)	77.2 (1960)	147.2 (3740)	167.9 (4265)	5.3 (135)	5.3 (135)	6	10	6000 (2700)	6000 (2700)
	131.5 (3345)	83.1 (2110)	159.1 (4040)	179.7 (4565)	5.3 (135)	5.3 (135)	6	10	6000 (2700)	6000 (2700)
	139.5 (3545)	87 (2210)	166.9 (4240)	187.6 (4765)	5.3 (135)	5.3 (135)	6	10	6000 (2700)	6000 (2700)
	147 (3745)	93.3 (2370)	174.8 (4440)	195.5 (4965)	5.3 (135)	5.3 (135)	6	10	6000 (2700)	6000 (2700)
Full Free-Lift 2-Stage (FV)	159 (4045)	100.8 (2560)	184.8 (4740)	207.3 (5265)	5.3 (135)	5.3 (135)	6	10	6000 (2700)	6000 (2700)
	119.5 (3045)	77.2 (1960)	143.9 (3655)	167.8 (4265)	53.2 (1350)	29.2 (740)	6	10	6000 (2700)	6000 (2700)
	131.5 (3345)	83.1 (2110)	155.7 (3955)	179.7 (4565)	59.1 (1500)	35.1 (890)	6	10	6000 (2700)	6000 (2700)
Full Free-Lift 3-Stage (FSV)	139.5 (3545)	87 (2210)	163.5 (4155)	187.5 (4765)	63 (1600)	39.1 (990)	6	10	6000 (2700)	6000 (2700)
	159 (4045)	77.2 (1960)	183.2 (4655)	207.2 (5265)	53.2 (1350)	29.2 (740)	6	5	6000 (2700)	6000 (2700)
	171 (4345)	83.1 (2110)	195 (4955)	219 (5565)	59.1 (1500)	35.1 (890)	6	5	6000 (2700)	6000 (2700)
	187 (4750)	87 (2210)	210.8 (5355)	234.8 (5965)	63 (1600)	39.1 (990)	6	5	6000 (2700)	6000 (2700)
	198.5 (5045)	93.3 (2370)	222.6 (5655)	246.6 (6265)	69.3 (1760)	45.4 (1150)	6	5	5900 (2650)	5900 (2650)
	218 (5545)	100.8 (2560)	242.3 (6155)	266.3 (6765)	76.8 (1950)	52.8 (1340)	6	5	5300 (2400)	5600 (2550)
Full Free-Lift 4-Stage (QFV)³	237.5 (6045)	110.6 (2810)	262 (6655)	285.9 (7265)	86.7 (2200)	62.7 (1590)	6	5	4000 (1800)	5150 (2350)
	241.5 (6135)	83.1 (2110)	262.6 (6670)	289.6 (7355)	62.1 (1575)	35 (890)	6	5	3850 (1750)²	4450 (2000)
	259.5 (6595)	89 (2260)	280.7 (7130)	307.7 (7815)	68 (1725)	40.9 (1040)	6	5	2650 (1200)²	3250 (1450)
	278 (7055)	95.3 (2420)	298.8 (7590)	325.8 (8275)	74.3 (1885)	47.2 (1200)	6	5	1650 (750)²	1900 (850)

1 Height of standard load backrest is 48" (1220 mm).
2 TSDR only.
3 QFV mast has 36"-wide ITA Class II hook carriage.
Attachment capacities (including sideshifters) are located in Section 6.1 – Lifting Capacities for Options.

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	NARROW TREAD	WIDE TREAD
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
50-8FGCU32 / 40-8FGCU32										
Wide Visible (V)	80.5 (2045)	57.5 (1460)	107.9 (2740)	128.5 (3265)	5.3 (135)	5.3 (135)	6	8	6500 (3000)	6500 (3000)
	119.5 (3045)	77.2 (1960)	147.2 (3740)	167.9 (4265)	5.3 (135)	5.3 (135)	6	10	6500 (3000)	6500 (3000)
	131.5 (3345)	83.1 (2110)	159.1 (4040)	179.7 (4565)	5.3 (135)	5.3 (135)	6	10	6500 (3000)	6500 (3000)
	139.5 (3545)	87 (2210)	166.9 (4240)	187.6 (4765)	5.3 (135)	5.3 (135)	6	10	6500 (3000)	6500 (3000)
	147 (3745)	93.3 (2370)	174.8 (4440)	195.5 (4965)	5.3 (135)	5.3 (135)	6	10	6500 (3000)	6500 (3000)
Full Free-Lift 2-Stage (FV)	159 (4045)	100.8 (2560)	184.8 (4740)	207.3 (5265)	5.3 (135)	5.3 (135)	6	10	6500 (3000)	6500 (3000)
	119.5 (3045)	77.2 (1960)	147 (3735)	167.8 (4265)	50.4 (1270)	29.2 (740)	6	10	6500 (3000)	6500 (3000)
	131.5 (3345)	83.1 (2110)	158.8 (4035)	179.7 (4565)	56.3 (1420)	35.1 (890)	6	10	6500 (3000)	6500 (3000)
Full Free-Lift 3-Stage (FSV)	139.5 (3545)	87 (2210)	166.7 (4235)	187.5 (4765)	60.2 (1520)	39.1 (990)	6	10	6500 (3000)	6500 (3000)
	159 (4045)	77.2 (1960)	186.3 (4735)	207.2 (5265)	50.1 (1270)	29.2 (740)	6	5	6500 (3000)	6500 (3000)
	171 (4345)	83.1 (2110)	198.2 (5035)	219 (5565)	56 (1420)	35.1 (890)	6	5	6500 (3000)	6500 (3000)
	187 (4750)	87 (2210)	213.9 (5435)	234.8 (5965)	59.9 (1520)	39.1 (990)	6	5	6500 (3000)	6500 (3000)
	198.5 (5045)	93.3 (2370)	225.7 (5735)	246.6 (6265)	66.2 (1680)	45.4 (1150)	6	5	6500 (2950)	6500 (2950)
	218 (5545)	100.8 (2560)	245.4 (6235)	266.3 (6765)	73.7 (1870)	52.8 (1340)	6	5	5050 (2350)	6150 (2800)
Full Free-Lift 4-Stage (QFV) ³	237.5 (6045)	110.6 (2810)	265.1 (6735)	285.9 (7265)	83.5 (2120)	62.7 (1590)	6	5	3500 (1600)	4850 (2200)
	241.5 (6135)	83.1 (2110)	262.6 (6670)	289.6 (7355)	62.1 (1575)	35 (890)	6	5	3750 (1700) ²	4200 (1900)
	259.5 (6595)	89 (2260)	280.7 (7130)	307.7 (7815)	68 (1725)	40.9 (1040)	6	5	2500 (1100) ²	3150 (1400)
	278 (7055)	95.3 (2420)	298.8 (7590)	325.8 (8275)	74.3 (1885)	47.2 (1200)	6	5	1400 (600) ²	1800 (800)

¹ Height of standard load backrest is 48" (1220 mm).

² TSDR only.

³ QFV mast has 36"-wide ITA Class II hook carriage.

Attachment capacities (including sideshifters) are located in Section 6.1 – Lifting Capacities for Options.



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